

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Sundeep Chauhan  
Assignee: SEAGATE TECHNOLOGY, LLC  
Application No.: 10/625,386  
Filed: 07/23/03  
For: HIGH SPEED DIGITAL PHASE/FREQUENCY COMPARATOR FOR PHASE LOCKED LOOPS

**CERTIFICATE OF EFS SUBMISSION (37 C.F.R. § 1.8(a)(i)(1)(C))**

I hereby certify that on July 16, 2010 the following correspondence:

Name of Paper: RESPONSE TO OFFICE COMMUNICATION MAILED JUNE 16, 2010

Number of Pages: 9

Other: Claims (6 pages); Remarks (2 pages); Interview Request (1 page).

is being submitted to the Patent and Trademark Office via the Office Electronic Filing System in accordance with § 1.6(a)(4).

/Mitchell K. McCarthy/

*Signature*

Reg. No.: 38794 (if applicable)

Telephone Number: 877-654-6652

Mitchell K. McCarthy  
*Type or print name of person certifying*

**NOTE:** It is advisable to keep a copy of certification of EFS-Web transmission § 1.8), including the list of papers submitted, to establish the local time of the submissions if such evidence is needed

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Sundeep Chauhan  
Assignee: SEAGATE TECHNOLOGY, LLC  
Application No.: 10/625,386 Group No.: 2816  
Filed: 07/23/2003 Examiner: Hai L. Nguyen  
For: HIGH SPEED DIGITAL PHASE/FREQUENCY COMPARATOR FOR PHASE LOCKED LOOPS

***RESPONSE UNDER  
37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP***

**Mail Stop AF**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**AMENDMENT OR RESPONSE AFTER FINAL REJECTION--TRANSMITTAL**

1. Transmitted herewith is an amendment after final rejection (37 C.F.R. 1.116) for this application.

**STATUS**

2. Applicant is other than a small entity.

**EXTENSION OF TERM**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

**FEE FOR CLAIMS**

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

| (Col.1)  | (Col. 2)                             | (Col. 3)         | OTHER THAN SMALL ENTITY     |
|--|--------------------------------------|------------------|-----------------------------|
| CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT      | HIGHEST NO<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA | ADDIT.<br>FEE               |
| TOTAL 19                                       | MINUS 20                             | = 0              | x \$ 52.00 = \$ 0.00        |
| INDEP 3  | MINUS 3                              | = 0              | x \$ 220.00 = \$ 0          |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                                      |                  | + \$ 0.00 = \$ 0.00         |
|  |                                      |                  | TOTAL \$ 0.00<br>ADDIT. FEE |

No additional fee for claims is required.

#### **FEE DEFICIENCY**

**5.** If any additional extension and/or fee is required, charge Account No. 50-4124.

July 16, 2010

/Mitchell K. McCarthy/

Date: \_\_\_\_\_

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